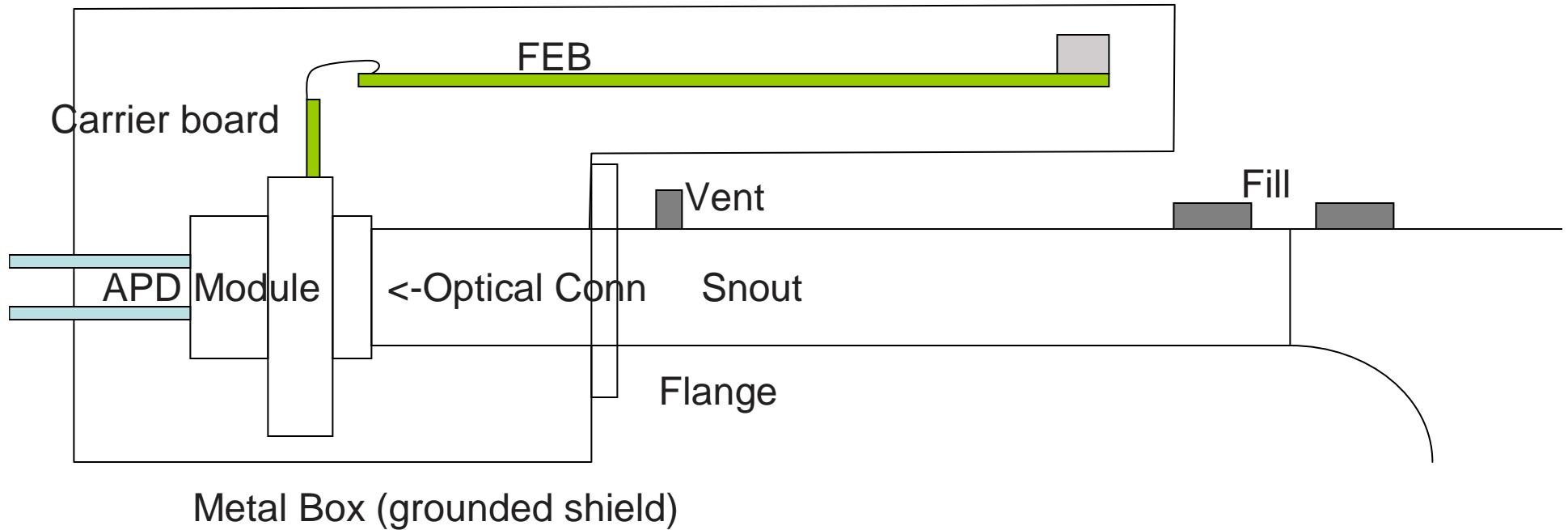


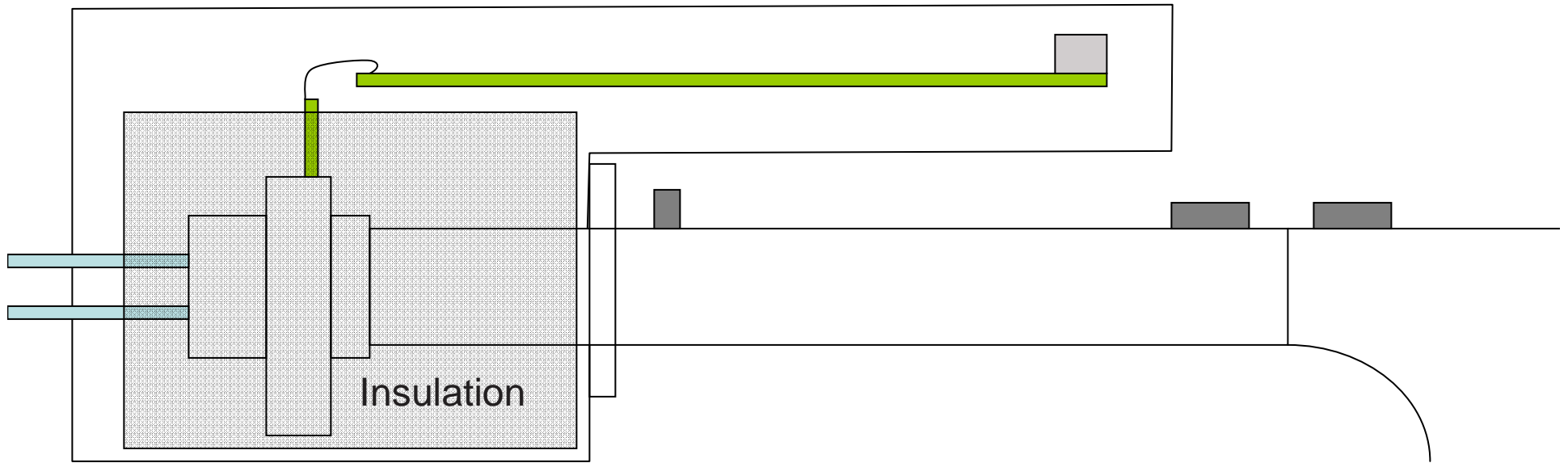
# Electronics box cartoon



# What's New in Electronics/DAQ Installation

Leon Mualem  
University of Minnesota

# Electronics box cartoon



# Design Goals

- Design goals:
  - Single Data/Clock/Command cable (CAT5)
  - Box and entire module <66mm
  - Desire no interference with fill ports
  - Desire single power connection for HV and LV

# On Detector installation

- Power Distribution Box (PDB)
  - Investigating standard 19" rack mountable device to minimize costs
- DAQ Concentrator Module
  - ~12"x15"x4"
  - Could be compatible with a 19" rack
- These are NOT AS DEEP AS A STANDARD RACK WITH A CAMAC/NIM CRATE
- More Details to come as designs mature

# Who's doing the work?

- Craig Dukes (UVa), power distribution (boxes, cables, cable trays)
- Bill Gilbert (UMN), Water Distribution
- Rick Kwarcianny, Vince Pavlicek, (FNAL) DCM, DAQ network
- Leon Mualem, the buck stops here.